

SÃ©bastien Herzig

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

5,707
citations

566801

15
h-index

887659

17
g-index

18
all docs

18
docs citations

18
times ranked

9705
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPK: guardian of metabolism and mitochondrial homeostasis. <i>Nature Reviews Molecular Cell Biology</i> , 2018, 19, 121-135.	16.1	2,247
2	AMP-activated protein kinase mediates mitochondrial fission in response to energy stress. <i>Science</i> , 2016, 351, 275-281.	6.0	816
3	SLP-2 is required for stress-induced mitochondrial hyperfusion. <i>EMBO Journal</i> , 2009, 28, 1589-1600.	3.5	639
4	Identification and Functional Expression of the Mitochondrial Pyruvate Carrier. <i>Science</i> , 2012, 337, 93-96.	6.0	588
5	Membrane Remodeling Induced by the Dynamin-Related Protein Drp1 Stimulates Bax Oligomerization. <i>Cell</i> , 2010, 142, 889-901.	13.5	360
6	Genetic Liver-Specific AMPK Activation Protects against Diet-Induced Obesity and NAFLD. <i>Cell Reports</i> , 2019, 26, 192-208.e6.	2.9	202
7	Mitocellular communication: Shaping health and disease. <i>Science</i> , 2019, 366, 827-832.	6.0	154
8	Mitochondrial dynamics and cancer. <i>Seminars in Cancer Biology</i> , 2009, 19, 50-56.	4.3	149
9	Genetic Analysis Reveals AMPK Is Required to Support Tumor Growth in Murine Kras-Dependent Lung Cancer Models. <i>Cell Metabolism</i> , 2019, 29, 285-302.e7.	7.2	145
10	Daptomycin resistance mechanisms in clinically derived <i>Staphylococcus aureus</i> strains assessed by a combined transcriptomics and proteomics approach. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1696-1711.	1.3	126
11	Use of an Automated Multiple-Locus, Variable-Number Tandem Repeat-Based Method for Rapid and High-Throughput Genotyping of <i>Staphylococcus aureus</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2005, 43, 3346-3355.	1.8	97
12	Mitochondrial Dynamics: To be in Good Shape to Survive. <i>Current Molecular Medicine</i> , 2008, 8, 131-137.	0.6	62
13	Embryonic Lethality of Mitochondrial Pyruvate Carrier 1 Deficient Mouse Can Be Rescued by a Ketogenic Diet. <i>PLoS Genetics</i> , 2016, 12, e1006056.	1.5	56
14	High-throughput typing of <i>Staphylococcus aureus</i> by amplified fragment length polymorphism (AFLP) or multi-locus variable number of tandem repeat analysis (MLVA) reveals consistent strain relatedness. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009, 28, 39-45.	1.3	37
15	Life without the mitochondrial calcium uniporter. <i>Nature Cell Biology</i> , 2013, 15, 1398-1400.	4.6	18
16	Comparison of CRISPR Genomic Tagging for Affinity Purification and Endogenous Immunoprecipitation Coupled with Quantitative Mass Spectrometry To Identify the Dynamic AMPK±2 Interactome. <i>Journal of Proteome Research</i> , 2019, 18, 3703-3714.	1.8	6
17	Feasibility of neurochemically profiling mouse embryonic brain and its development in utero using 1 H MRS at 14.1ÅT. <i>NMR in Biomedicine</i> , 2019, 32, e4163.	1.6	1